1.	A magnetic head comprising:
	an electrical contact pad;
	a substrate on which the magnetic head is formed; and
	a material selected to have a low dielectric constant interposed between
the nac	and the substrate

- 2. The magnetic head of claim 1, wherein the low dielectric material is configured to decrease the parasitic capacitance of the magnetic head.
- 3. The magnetic head of claim 1, further comprising a stud formed through the low dielectric material.
 - 4. The magnetic head of claim 3, wherein the stud comprises Cu.
- 5. The magnetic head of claim 3, wherein the stud comprises a conductive material.
- 6. The magnetic head of claim 1, wherein the low dielectric material comprises hard-bake photo resist.
- 7. The magnetic head of claim 1, wherein the low dielectric material comprises SiO₂.
- 8. The magnetic head of claim 1, wherein the low dielectric material has a thickness in a range of between about 1 μm and about 100 μm .

9.	The m	agnetic head of claim 1	, wherein the low	dielectric materia	ıl has a
hickness	in a range o	f between about 10 μm	and about 50 µm		

- . The magnetic head of claim 1, wherein the low dielectric material has a thickness of about 20 μm .
- 11. The magnetic head of claim 1, wherein the low dielectric material has a dielectric constant of less than about 9.
- 12. The magnetic head of claim 1, wherein the low dielectric material has a dielectric constant of about 3.
- 13. The magnetic head of claim 1, wherein the magnetic head carries a GMR sensor.
- 14. The magnetic head of claim 1, wherein the low dielectric material provides a platform for the electrical contact pad.
- 15. The magnetic head of claim 1, wherein an electrical contact pad having a surface area of less than about 20 μm in order to reduce capacitance coupling with the substrate.

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16.	A reduced capacitance magnetic head comprising
	an electrical contact pad;
	a substrate on which the magnetic head is formed
	a conducting layer formed over the substrate;
	a low dielectric material interposed between the p

a low dielectric material interposed between the pad and the substrate which is used as a platform for the electrical contact pad to increase the distance between the substrate and the electrical contact pad, the low dielectric material comprising hard bake photo resist and having a thickness of about 20 μ m and a dielectric constant of about 3; and

a conducting stud formed through the low dielectric material to make electrical connection between the electrical contact pad and the conducting layer.

17. A disk drive system, comprising:

a reduced capacitance magnetic head comprising:

an electrical contact pad;

a substrate on which the magnetic head is formed;

a material selected to have a low dielectric constant interposed between the pad and the substrate; and

a magnetic recording disk;

a spin-valve sensor for reading data recorded on the recording disk; and an actuator for moving the spin valve sensor across the magnetic recording disk in order for the spin-valve sensor to access different magnetically recorded data on the magnetic recording disk; and

a detector electrically coupled to the spin-valve sensor and configured to detect changes in resistance of the sensor caused by rotation of the magnetization of the sensing layer relative to the fixed magnetizations of the pinned layer in response to changing magnetic fields induced by the magnetically recorded data.

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18.	The disk drive system of claim 17, further comprising a stud formed
through the lo	w dielectric material.

- 19. The disk drive system of claim 17, wherein the low dielectric material is configured to decrease the parasitic capacitance of the magnetic head.
- 20. The disk drive system of claim 17, wherein the low dielectric material has a thickness in a range of between about 10 μ m and about 50 μ m.
- 21. The disk drive system of claim 17, wherein the magnetic head comprises a GMR sensor.
 - A reduced capacitance magnetic head comprising:
 a substrate on which the magnetic head is formed; and
 a contact pad disposed above the substrate and having a surface area less
 than about 20 μm in order to reduce capacitance coupling with the
 substrate.
 - 23. A magnetic head comprising:
 a substrate on which the magnetic head is formed;
 an alumina undercoat layer comprising Al₂O₃ formed over the substrate;
 an electrical contact pad; and
 a layer of alumina interposed between the electrical contact pad and the
 alumina undercoat layer.

24.	A magnetic head comprising:
	a substrate on which the magnetic head is formed;
	an alumina undercoat layer comprising SiO ₂ formed over the substrate
	an electrical contact pad; and
	a layer of alumina interposed between the electrical contact pad and the
alumir	na undercoat layer.

- 25. A method of reducing capacitance in a magnetic head, comprising: providing a substrate; providing a read/write head; and isolating the read/write head from the substrate in order to reduce th
- isolating the read/write head from the substrate in order to reduce the capacitance coupling between the read head and the substrate.